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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/786,045	02/28/2001	Werner Vogt	P/4319-17	6837

7590 11/23/2005
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EXAMINER

KOCH, GEORGE R

ART UNIT PAPER NUMBER

1734

DATE MAILED: 11/23/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.		Applicant(s)	
	09/786,045		VOGT, WERNER	
	Examiner		Art Unit	
	George R. Koch III		1734	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 09 September 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 12-25 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 14-24 is/are allowed.
- 6) ☒ Claim(s) 12 and 13 is/are rejected.
- 7) ☒ Claim(s) 25 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.
2. Claims 12-13 are rejected under 35 U.S.C. 102(b) as being anticipated by DE - 92,18,985 (See translation).

DE-92,18.985 discloses a method for producing a card shaped information carrier involving covering the surface of a card size region of blank material with a transparent layer (see Claim 1). The layer is pressed onto the surface of the card while being subjected to heat and pressure simultaneously (claim 6). For positioning and receiving the card to be laminated, DE-92,18,985 further discloses a hollow mold-like frame that can be placed on base plate for receiving cards or templates to be laminated and a top plate that can be set on the card in the frame (see claim 10, for example). The frame has internal dimensions that roughly correspond to the final dimension of the carrier (see Figure 2). Furthermore, DE-92,18,985 discloses that the surfaces of the mold facing the card are highly polished metallic surfaces (see translated claim 11, and page 11, lines 11-13) or protective coating surfaces. Both highly polished metallic surfaces and protective coating surfaces would result in the heat flowing off the card are reflected back and concentrated onto the template. Additionally, there would be less heat conducting and retaining the heat and blocking some of the heat from exiting the

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mold due to the reflecting property (see especially page 8, lines 3-11, which disclose that the heat remains in the mold).

As to claim 13, DE-92,18,985 discloses that the laminate template includes a plurality of sized card layers (best seen in Figure 2, elements 6 and 5).

Allowable Subject Matter

3. Claims 14-24 are allowed.

4. The following is an examiner's statement of reasons for allowance: Applicant's appeal brief, filed 3/7/2005, is persuasive. Each element of the claims are disclosed in the references. However, there is no suggestion in the references to combine a frame that is one of substantially non heat conducting, reflects heat, and concentrates heat back onto the laminate with a frame that has a reduction in material in a transitional edge region in order to increase specific contact pressure between the frame border and upper heating plate. DE 92 18 985 does disclose a reflective frame, but lacks the transitional edge region. Honda does disclose the transitional edge region, but lacks the frame that is one of substantially non heat conducting, reflects heat, and concentrates heat back on the laminate. Okada discloses a frame that lacks either of these elements. Applicant's arguments that the references would only be combined in hindsight are persuasive.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably

accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

5. Claim 25 is objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

6. The following is a statement of reasons for the indication of allowable subject matter: The prior art of record does not disclose that the enclosing step includes enclosing the peripheral, narrow, outer boundary region of the inserted template with a peripheral frame having a reduction in material in a transitional edge region in order to increase specific contact pressure between a frame border edge and the upper heating plate. See paragraph 4, above, with respect to the reduction of material in the transitional edge region.

Response to Arguments

7. Applicant's arguments, filed 9/9/2005, with respect to claims 14-24 have been fully considered and are persuasive. The rejection of claims 14-24 has been withdrawn.

8. Applicant's arguments with respect to claims 12 and 13 have been considered. Applicant argues that DE 92 18 985 does not concentrate heat back on the mold, but in numerous places (page 8, lines 3-11) the reference discloses focusing the heat on the top layer of the protective element (and see also page 6 of the translation).

Conclusion

9. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to George R. Koch III whose telephone number is (571) 272-1230 (TDD only). If the applicant cannot make a direct TDD-to-TDD call, the applicant can communicate by calling the Federal Relay Service at 1-866-377-8642 and giving the operator the above TDD number. The examiner can normally be reached on M-F 9-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Christopher Fiorilla can be reached on (571) 272-1187. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



George R. Koch III
Primary Examiner
Art Unit 1734

GRK
11/19/2005